

PATENT APPLICATION

OATH FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence and citizenship are as stated below next to my name.

I believe I am an original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled "Optical Crossbar Switch," the specification of which is attached hereto (Attorney file no. 0026 Feldman).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose information that is material to patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby give powers of attorney to John H. Runnels, Registration No. 33,451, and Bonnie J. Davis, Registration No. 41,699 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please direct all communications regarding this application to:

John H. Runnels
Taylor, Porter, Brooks & Phillips, L.L.P.
P.O. Box 2471
Baton Rouge, Louisiana 70821
Telephone number (225) 387-3221.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like

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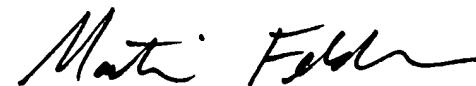
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so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor:

Martin Feldman

Date: November 30, 2000



First inventor's signature

Residence: Baton Rouge, Louisiana
Citizenship: United States of America
Address: 2811 Ormond Avenue
Baton Rouge, LA 70820

Full name of second joint inventor:

Ahmed El-Amawy

Date: November 30, 2000



Second inventor's signature

Residence: Baton Rouge, Louisiana
Citizenship: United States of America
Address: 1246 Wyatt Drive
Baton Rouge, LA 70810

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Full name of third joint inventor:

Ramachandran Vaidyanathan

Date: November 30, 2000


Third inventor's signature

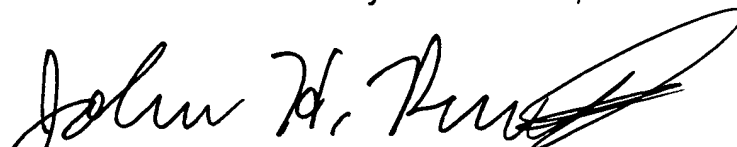
Residence: Baton Rouge, Louisiana
Citizenship: India
Address: 931 Wyatt Drive
Baton Rouge, LA 70810

STATE OF LOUISIANA

PARISH OF EAST BATON ROUGE

SWORN TO AND SUBSCRIBED before me this 30th day of November, 2000.

[seal]


Notary Public

John H. Runnels

My Commission Expires at Death.